

Public Health Act, 1875.

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# REPORT

FOR THE YEAR 1907.

ON THE

## SANITARY CONDITION

OF THE

Bradford-on-Avon Rural District

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PRESENTED TO THE

Bradford-on-Avon Rural District Council

BY

W. JOHN A. ADYE,

*Medical Officer of Health of the Bradford-on-Avon Rural  
Sanitary Authority,*

AND

MR. RICHARD GIDDINGS,

*Sanitary Inspector.*



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# Medical Officer's Annual Report.

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MR. CHAIRMAN AND GENTLEMEN,

## INFECTIOUS DISEASES.

Of these there has been a large increase, mainly among those that are *Notifiable* ; of the *Non-Notifiable*, Measles were very prevalent, causing the closure of the Broughton Schools, as well as those at South Wraxall, where it was combined with Whooping Cough, and Westwood with Chicken Pox, causing a loss of 80 days in the year's teaching between these three Schools. Epidemics amongst children at schools might be possibly saved if those in authority were immediately to send those children that appear to be ill, home for a short period, such as three days, so that if the child should be sickening of any complaint, the disease would have time to develop, when the proper precautions could be taken.

In the case of Measles, a child complains of not feeling well, the eye lids are red, and the eyes and nose running ; that child should at once be sent home and any other children in the family that have *not had Measles* sent away as well ; it would also tend to the saving of other cases if the whole of that class was closed for 14 days.

If a child is heard to Whoop it should at once be sent home, and any discharge from the nose or mouth that may have been blown over the floor or desk ought to be immediately washed up with a solution of Cyllin, 1 part to 499 of water. Schools could sometimes be saved closing for Measles and Whooping Cough, if a whole time Inspector could be appointed to visit the houses of every child attending the school so long as the epidemic lasted ; by making inquiries as to what children had *not* had the complaint and keeping them away from school and sending those that had it in a previous epidemic many

schools might be kept open. It should be remembered that the infectious period of Measles is at the *beginning* when the eyes are running.

I am of opinion that no child should be allowed to attend school from any house where there is Influenza.

Of the cases of Measles that occurred at South Wraxall, Westwood, and Broughton it is impossible to estimate the number; those at Broughton were very severe, many being hæmorrhagic in character, commonly called "Black Measles," and some cases of German Measles "Rhotheln" were mixed with them.

The number of deaths from infectious but not notifiable diseases was 10, viz.—Measles 3, Influenza 3, and Phthisis 4.

Of notifiable infectious diseases there were 54 cases, viz.—Diphtheria 40, Scarlet Fever 13, and Erysipelas 1.

The Cases of Scarlet Fever were distributed thus; 3 at Holt, the remainder at Limpley Stoke; only 4 were removed to the Isolation Hospital and all 13 recovered.

The first case of Diphtheria was notified on March 25th, and by April 7th 3 more had occurred, one was nursed at home, the remaining 3 were removed to the Isolation Hospital at Trowbridge. These 4 recovered and no more were reported till September 26th, when 3 more certified, and by the end of the month 9; 16 more were reported in October, 7 in November, and 4 in December, making a total of 40 for the year, and 36 for the epidemic started in September. Of the 36, 30 belonged to Holt, 3 to Broughton, and 3 to Great Chalfield.

The 3 cases notified on September the 26th were attending the Church Schools for some days previously. The 3 Chalfield and one of the Broughton cases also attended that School. All the cases were pharyngeal, the membrane in most of those that I saw was very small, and in one it was absent, though on bacteriological examination the Klebs Loeffler bacilli were found. These cases where ocular symptoms are more or less absent, but bacteriologically are present are commonly called "Carrier Cases" and I think are far more dangerous to the community at large than a properly defined case; as, not knowing there is any infection about themselves, they mix with other persons who may have a cold or not be quite the thing and promptly disseminate the disease. Had a bacteriological examination of the throats of all the Holt inhabitants been made the bacillus would have been found in from 8 to 50 per cent.



(1) **Causes.**—Undoubtedly the 3 children notified on September the 26th and attending the Church School were the prime factors of the epidemic, but where they contracted the disease I do not know.

(2) **The Insanitary condition of the Village.**

(3) **Atmospheric Conditions.**—September was a hot dry month, with only .92 rainfall, during which the ditches were soaked with sewage, the smells arising from which contributed to assist the complaint very materially by lowering the vitality of the children, and so tending to increase their liability to contract disease. October followed with the biggest rainfall of the year, 5.35in., and the largest number of cases, but the rain came too late to prevent the damage already done by the smells arising from the insanitary ditches. The disease was prevalent in other parts of this County and in the Country generally.

**Deaths.**—Six have occurred, 3 amongst the 14 nursed at home, and 3 of the 26 removed to the Isolation Hospital, all were from heart failure due to toxæmia, and preceded by uncontrollable vomiting. None from apyæxia.

**Preventive Measures.**—As soon as possible after notification the case was removed to the Isolation Hospital (23 out of 40), and the house disinfected the same day or day following. Disinfection could not always be done as quickly as it could be wished, owing to the fact that there was only one apparatus for the whole Union ; this was rectified later by the Urban Council buying a Ligiers' machine for their district, after which there was no delay. The disinfectant is a 40% spray of Formaldehyde.

The ditches in the village were frequently disinfected with Crude Carbolic.

The 6 dairies supplying milk to Holt were examined by the Inspector of Nuisances and found in good condition.

The water was analysed from the spring itself and from the pipes, and both were found to be of excellent quality.

Both schools were closed on October 1st, and disinfected on the 4th, and were re-disinfected on the 14th and 15th respectively, with the following additions :—

1.—All books were placed open on the desks, and cupboards opened before the rooms were done.

2.—Old and badly soiled books were ordered to be burnt.

3.—All slates (if used) to be washed in a solution of Perchloride of Mercury (1 to 1000) as well as floors, benches, and all woodwork.

4.—Walls to be re-coloured.

5.—Ceilings white limed.

Bacteriological examinations were made of a large number of cases by the kindness of the County Medical Officer, J. Tubb Thomas, Esq., M.D., to whom I am greatly indebted for his help and advice. Making a rough calculation of the Bacteriological examinations at the County Laboratory about 200 were made, probably more, all free of cost, and a great saving to the district, as many cases resembled true Diphtheria in all their symptoms which on examination proved non-infectious.

Table showing the number of Infectious cases *notified* since 1899 :—

		1899	1900	1901	1902	1903	1904	1905	1906	1907
Diphtheria	...	1	70	25	45	2	9	2	4	40
Scarlet Fever	...	13	8	7	5	20	3	9	20	13
Erysipelas	...	7	2	1	2	3	5	7	4	1
Enteric Fever	...	1	2	1	1	1	3	1	2	—
Puerperal Fever	...	—	—	—	—	—	—	—	—	—
Croup and Membranous Croup	...	1	—	—	—	—	—	—	—	—
Totals	...	23	82	34	53	26	20	19	30	54

**Birth Rate** shows a slight increase being 115, against 109 for last year ; the sexes being as evenly divided as the total will allow, viz.—58 Males, 57 Females. This number, 115, is slightly in excess of the number for the past 10 years, 114.7. Only 3 were illegitimate, a slight decrease. The quarterly return is as follows :—

	Male.	Female.	Total.
1st Quarter	21	15	36
2nd „	16	15	31
3rd „	14	12	26
4th „	7	15	22
	<u>58</u>	<u>57</u>	<u>115</u>

Their distribution is as follows :—

Parish.	Boys.	Girls.	Illegimates.		Total.
			Boys.	Girls.	
Atworth ...	6	9	—	—	15
Bradford Without ...	4	1	—	—	5
Broughton Gifford ...	15	11	—	—	26
Holt ...	12	12	—	1	25
Limpley Stoke ...	—	2	1	—	3
Monkton Farleigh ...	6	—	—	—	6
South Wraxall ...	1	6	—	—	7
Westwood ...	8	7	—	1	16
Winkfield ...	—	2	—	—	2
Winsley ...	5	5	—	—	10
	<u>57</u>	<u>55</u>	<u>1</u>	<u>2</u>	<u>115</u>

## Death Rate.

The nett Death Rate equalled 13.3 per 1000, or 68 for the District, this is an improvement on the past 3 years, and with the exception of 1903 when the rate was 11.3, is lower than any year since 1900 when it was 13.2. Taking into consideration the amount of Children's diseases that occurred during the year, your schools having been closed for 31 weeks and 3 days, this rate is a very satisfactory one.

Measles, Whooping Cough, Diphtheria, and Scarlet Fever, have all been present in epidemic form, while influenza has always been present.

Thirty-two Deaths occurred over 65, on the other hand between 65 and 15 were only 17. The number of Infantile deaths under 1 year, viz.—9, was slightly lower than the average for the past 10 years which was 9.1.

**Cancer** caused 9 deaths, taking the average for the past 8 years, the only ones of which I have records, it works out at 5.6 per annum, and this large figure is due to the numbers certified as dying from it in 1905, 10 ; 1906, 8 ; and 1907, 9 ; this increase is probably due more to recognition, and the means given us for diagnosis, than to an increase. On looking at the form below it will be seen that only 1 case occurred below the age of 25, and rather more than half the number over 65.

The largest number in any one district was in the parish of Winsley, viz. 10, for though there are 15 in the Westwood division this includes Winkfield and Limpley Stoke, and Westwood has the Workhouse in its area.

Measles and Diphtheria caused 3 deaths each, all the former being under 5 years, and the latter under 15.

## Phthisis.

Phthisis, i.e., Tuberculosis of the lungs, and general Tuberculosis accounted for 5 deaths, 4 of the former and 1 of the latter.

In my report last year I advocated the adoption by the Council of a system of Notification of, and payment for the same, of this disease.



Speaking from a Health Officer's point of view, the adoption of some such scheme by which the habitation, removal from, or arrival in, your district, of persons suffering from this disease, might be made known so that voided houses could be thoroughly disinfected, would, I think, be of great service. To quote one instance : The father of a large family died of Phthisis, your inspector visited the house and offered to disinfect it, but this was promptly refused, so that all those children are still breathing, and so being poisoned by, tuberculous dust.

My reasons for regret that the scheme was not adopted are as follows :—

(1) Appropriate measures of disinfection cannot now be undertaken when a patient moves house, as your Sanitary Authority has no means of knowing when the change takes place.

(2) A great deal of infectious matter might have been prevented from being scattered abroad and poisoning healthy people.

(3) It would have helped to reduce the mortality of a disease, which causes more deaths per annum than any other morbid condition in the United Kingdom.

Deaths from Cancer and Tuberculosis in the past 8 years showing their distribution.

	15 to 25	25 to 65	65 and upwards	Monkton Farleigh and South Wraxall	Winsley	Holt	Winkfield, Westwood and Limpley Stoke	Atworth	Broughton	Bradford Without	Totals
1900	1	—	1	—	—	2	—	—	—	—	2
1901	—	2	1	—	2	1	—	—	—	—	3
1902	—	5	1	1	2	1	2	—	—	—	6
1903	—	1	1	—	—	—	1	—	1	—	2
1904	—	7	3	2	3	1	3	1	—	—	10
1905	—	2	6	3	1	1	1	1	1	—	8
1906	—	3	3	—	1	2	3	—	—	—	6
1907	—	1	8	1	1	—	5	—	2	—	9
	1	21	24	7	10	8	15	2	4	—	46

## TUBERCULOSIS.

	15 to 25	25 to 65	65 and upwards	Monkton Farleigh and South Wraxall	Winsley	Holt	Winkfield, Westwood and Limpley Stoke	Atworth	Broughton	Bradford Without	Totals
1900	—	1	—	—	—	—	—	—	—	1	1
1901	—	6	3	—	1	3	1	3	1	—	9
1902	2	2	—	1	1	—	1	1	—	—	4
1903	4	1	1	1	—	2	1	—	2	—	6*
1904	1	5	—	2	—	2	—	—	2	—	6
1905	3	1	—	—	—	—	1	1	2	—	4
1906	2	5	—	—	2	2	2	—	1	—	7
1907	—	3	—	2	1	—	—	1	1	—	5†
	12	24	4	6	5	9	6	6	9	1	42

\* Under 1 year.

† Two under 5 years.

**Drainage and Scavenging.**

Drainage and Scavenging are at present absent ; though after many schemes and inquiries, plans have at last been passed for the drainage of Holt, and the work is in hand and will, it is hoped, be finished before this year, 1908, is ended.

The rest of the area is supplied by cess-pits, mostly loose stained ; some of the villages could be easily drained as they lie on the sides of hills, but the cost is prohibitive ; one of them would be very difficult being scattered and very flat.

**Water Supply.**

**Monkton Farleigh** has a village pump and 3 public taps.

**Farleigh Wick** is supplied from a tank to which water is pumped from a well in the Wraxall Lane.

**South Wraxall**, by wells, and here some scheme is urgently needed, as most of the wells are shallow and run dry in the summer.

**Limpley Stoke.**—(1) by wells ;(2) by a public spring, and (3) by the Bath High Level Co.

**Avoncliff.**—By a spring, which flows into a covered cistern.

**Westwood.**—By wells—a scheme is still under consideration.

**Winsley.**—By the Bath High Level Co.

**Murhill, Conkwell, and Turley.**—By wells and springs. Three houses in Turley receive their water through pipes from the Turley spring.

**Holt and Broughton** have a regular water supply from Chalfield.

**Atworth.**—By public pumps and wells.

**Bradford Without.**—By wells except a few houses at Trowle which are supplied by pipe from Trowbridge.

**Winkfield.**—Wells and the village pump.

## Farms.

Cowsheds all over the district are in better order, floors are kept cleaner, and the walls more often white washed. The yards are in better condition. Regarding the cleanness of the sheds, it must be remembered that it is not the comfort or even the cleanness of the cows that is the object in view, but the *purity of the milk*, and even if the sheds and pails are all as clean as it is possible to make them, the labour that has been used to keep them in so good a condition may all be thereon away if the hands of the milkers and the strainer of the cooler be dirty.

Cows' milk, that is when pure, is, next to the mother's milk, the the best food we can give our babies, but if that milk is dirty, or has been contaminated by dirt how can one expect them to thrive and do well on it ?

People seem to think that when a shed is complained about that it is the cows we think of, but that is not so, it is the milk from those cows we want purer and better, and no animal thrives as it ought to do, any more than human beings, if they are kept in a state of filth ; they cannot be healthy, neither can their milk be of good enough quality for human food.

But it is no use having pure milk from the farms if the householders' vessels are dirty, and these should be scalded every time after using.

## Factory and Workshop Act.

The workshops are distributed as follows :—

	Blacksmiths.	Carpenters.	Plumbers.	Bakers.
Holt ... ..	1	2	1	2
Broughton Gifford ...	1	1	—	1
Atworth ... ..	1	1	—	2
Winsley and Turley ...	1	1	—	2
Limpley Stoke ... ..	—	1	1	—
Monkton Farleigh ...	1	1	—	1
South Wraxall ... ..	1	—	—	—
Winkfield ... ..	—	—	—	1
Westwood ... ..	1	—	—	1

The bakehouses are supplied with water in the following manner :—Holt and Broughton from the Chalfield spring (4) ; Winsley by the Bath High Level Co. ; Turley from the spring by pipes, and wells the remainder.

**Feather Picking** is done in some of the cottages at Broughton.

**Gloving** mainly by hand, is done in Holt, Broughton, and Atworth.

The factories are as follows ;—

**Holt.**—Steam Laundry, 1 Skin and Glove Factory, and 1 Mattress Factory.

**Broughton.**—1 Mattress Factory.

**Winsley.**—1 Flock Mill and 1 Stone Cutting Yard.

**Limpley Stoke.**—1 Saw Mill.

**Westwood.**—1 Flock Mill at Avoncliff, and 1 Flour Mill at Stowford.

I have the honour to be, Mr. Chairman and Gentleman,

Your obedient servant,

W. J. A. ADYE.



Table of Schools and Attendance for 1907.

	*South Wrexall	Monkton Farleigh	†Westwood	Winkfield	Limpley Stoke	‡Broughton	Atworth	§Holt (Church)	Holt (Congregational)	Winsley	Total	1906
Boys ...	18	21	31	16	10	50	44	31	22	35	278	280
Girls ...	17	23	39	29	19	50	30	39	46	38	330	342
Infants...	25	16	12	5	16	36	25	23	28	15	201	194
Under 5 years ...	3	9	13	5	7	17	17	14	12	15	112	118
Total ...	63	69	95	55	52	153	116	107	108	103	921	934
Average Attendance	62	60	92	50	42	127	97	92	91	87	800	865

\* Closed for 35 days for Whooping Cough and Measles.

† Closed for 17 days for Chicken Pox and Measles.

‡ Closed for 28 days for Measles.

§ Closed for 70 days for Diphtheria.

|| Closed for 70 days for Diphtheria.

Total Closure 31.3 weeks.



## FACTORY AND WORKSHOP ACT, 1901.

**ANNUAL REPORT OF MEDICAL OFFICER OF HEALTH.**

*REPORT of the Medical Officer of Health on the Administration of the Act in the Rural Sanitary District of Bradford-on-Avon during the year 1907.*

**(A) Classification and Inspection.**

Total No. of Workshops in the District, as per Register.—17.

Including	.....Tenement Workshops.	Not including	.....Domestic Factories.
	.....Domestic Workshops.		.....Workplaces.
	10 Retail Bakehouses.		
	1 Laundries.		
	6 Other Workshops.		

Total No. of visits of inspection made during 1907, (a) by M.O.H.—10 ;  
(b) by Sanitary Inspector—7.

Note as to the chief Workshop industries in the District—Carpenters and Blacksmiths.

<b>(B) Sanitation.</b>	Workshops.	Domestic Factories and Domestic Workshops.	Workplaces.
Cleanliness—General condition ...	Fair	Fair	
„ No. of Notices served under P.H. Acts			
„ No. of Notices to cleanse, under Sec. 2			
„ Legal Proceedings ...			
Air Space—General condition ...	Plenty	Plenty	
„ No. of Notices to abate overcrowding			
„ No. of Notices to affix card Sec. 3 (4)			
„ Legal Proceedings ...			
Ventilation—General condition ...	Good	Good	
„ No. of Notices under P.H. Acts	None	None	
„ Legal Proceedings ...	None	None	
Means of Ventilation—Any section under the new powers of Sec. 7	None		
Drainage of Wet Floors—Action under Sec. 8 ...	None		

**(C) Additional Sanitation for “Retail Bakehouses,” Secs. 97 to 102**

No of such Premises in the District—10.

Note as to their general sanitary condition—good.

Whitewashing is carried out regularly.

At Holt and Broughton the water is supplied from the Chalfield Spring, Wiusley by the Bath High Level Co, Turley from Turley Spring end the remainder by Wells.

*Action taken as to Retail Bakehouses during 1907:—*

	No. of defects found.	Notices served	Legal proceedings.	Defects remedied.
As to closets, &c., s 97 ...	None	None	None	None
As to water cisterns, s. 97 ...	...	...	...	...
As to drain openings, s. 97 ...	...	...	...	...
As to limewaseing, &c., s. 99	...	...	...	...
As to sleeping places, s. 100	...	...	...	...

Any proceedings under Sec. 98 as to retail bakehouses sanitarily unfit—  
No Result.

**(Ca) Underground Bakehouses.**

No. of such Premises in District—None.

No. certified by District Council under Sec. 101 (2)      None

**(D) Sanitary Conveniences.** (*Only to be reported on in places where Section 22 of the P.H.A.A. is in force*)

Date of adaption of Sec. 22 of the Public Health Acts Amendment Act, 1890

No. of defects discovered thereunder in factories or workshops during 1907—None

(a) Closets insufficient or unsuitable      None

(b) Closets not separate for sexes      None

No. of Notices issued under the Section during 1907—None

**(E) Safety from Fire.** (*Not to be reported on by M.O.H.*)

**(F) Home Work.** Sections 167 to 115.

Total No. of Lists of Outworkers received during 1907—One

Representing { 1 Employer.  
— Contractor.  
60 Outworkers.

*Classification of Lists received—*

<i>Outwork in connection with—</i>	No. of Lists received to Dec. 31, 1907.	Total No. of such Em- ployed by Contractor.	Total No. of such out- workers in the District.	Remarks.
Wearing apparel	...	...	60	
Glove making	1	1		
.....				
.....				
.....				
.....				

Outworker's premises—No. inspected—20      No found unwhole-  
some—None.      Action as to unwholesome premises—None

Any prohibition as to infected houses (s. 110)—3

**(G) General.**

No. and nature of sanitary defects reported to the Authority by } None.  
H.M. Inspectors, during 1907

Action taken in consequence—None

No. of infringements reported by Sanitary Authority } None.  
to H.M. Inspector (*e.g.*, s. 133)

**General Observations.**

*Signature*, W. JOHN A. ADYE.

*Date*,

TABLE I.

# Vital Statistics of whole District during 1907 and Previous Years.

## BRADFORD-ON-AVON RURAL DISTRICT.

YEAR.	Population estimated to Middle of each Year.	BIRTHS.		Deaths under One Year of Age.		Deaths at all ages Total.		Deaths in Public Institutions.	Deaths of Non-residents registered in District.	Deaths of residents registered beyond District.	Deaths at all ages. Nett.	
		Number.	Rate.*	Number.	Rate per 1000 Births Registered.	Number.	Rate.				Number.	Rate.*
1897	5734	96	19.1	10	2.0	72	14.0	...	...	...	...	...
1898	5758	124	24.4	17	3.2	77	15.2	...	...	...	...	...
1899	5805	112	22.2	6	1.1	96	19.1	...	...	...	...	...
1900	5821	105	21.0	9	1.4	61	12.1	...	...	6	67	13.2
1901	5071	121	24.1	6	1.1	74	14.4	...	...	2	76	15.1
1902	5118	121	24.1	6	1.1	73	14.3	8	6	2	69	13.4
1903	5168	114	22.4	11	2.1	64	12.4	10	8	2	58	11.3
1904	5218	120	24.0	9	1.4	77	15.2	5	2	2	77	15.2
1905	5258	125	25.0	10	2.0	85	17.0	13	7	2	80	16.0
1906	5297	109	21.4	7	1.2	70	14.0	10	7	8	71	14.1
Average for years 1897-1906	5424.8	114.7	24.5	9.1	1.6	74.9	14.7	...	...	...	...	...
1907	5345	115	23.0	9	1.4	67	13.2	12	3	4	68	13.3

Rates calculated at per 1,000 of estimated population.

Area of District in acres (exclusive of area covered by water) 16608

Total Population of all Ages	...	...	...	5071	} At Census of 1901
Number of Inhabited Houses	...	...	...	1134	
Average Number of Persons per House	...	...	...	4.4	

1.—Institutions within the District receiving sick and infirm persons from outside the District—Hydropathic Establishment, Stoke, Sanatorium, Winsley, Workhouse.

2.—Institutions outside the District receiving sick and infirm persons from the District—Isolation Hospital, Trowbridge, Royal United Hospital, Bath.

3.—Other Institutions, the deaths in which have been distributed among the several localities in the District—H.M. Prison, Devizes, County Asylum, Devizes.

## TABLE II.

## Causes of Infectious Disease notified during the Year 1907.

## BRADFORD-ON-AVON RURAL DISTRICT.

NOTIFIABLE DISEASE.	Cases notified in whole District						Total Cases notified in each Localities.						No. of Cases removed to Hospital from each Locality							
	At Ages--Years.																			
	Under 1	1 to 5	5 to 15	15 to 25	25 to 65	65 & upwards	Monkton Farleigh & South Wraxall	Winley	Holt	Westwood, Winkfield and Limply Stoke	Atworth	Broughton	Bradford Without	Monkton Farleigh & South Wraxall	Winsley	Holt	Westwood Winkfield and Limply Stoke	Atworth	Broughton	Bradford Without
Diphtheria	...	6	22	10	2	...	...	34	...	...	6	...	...	...	...	23	...	...	3	...
Erysipelas	...	...	...	1	...	...	...	...	10	...	1	...	...	...	...	...	4	...	...	...
Scarlet Fever	...	4	7	2	...	...	...	3	...	...	...	...	...	...	...	...	...	...	...	...
Totals	...	10	29	13	2	...	...	37	10	...	7	...	...	...	...	23	4	...	3	...



TABLE III.

## Causes of, and Ages at, Death during Year 1907.

## BRADFORD-ON-AVON RURAL DISTRICT.

CAUSES OF DEATHS.	Deaths in whole District at Subjoined Ages.							Deaths in Localities (at all Ages						Total Deaths in Public Institutions		
	All Ages	Under 1 year	1 and under 5	5 and under 15	15 and under 25	25 and under 65	65 and upwards	South Waxall and Monkton Farleigh	Winsley	Holt	Westwood, Limply Stoke	Atworth	Broughton		Bradford Without	
Measles	3	...	3	2	...	...	...	...	...	3	1	...	1	...	...	3
Diphtheria & membranous croup	3	1	...	...	...	...	1	...	1	1	...	...	...	...	...	...
Epidemic Influenza	3	1	...	...	...	...	1	...	1	1	...	...	...	...	...	...
Diarrhoea	1	...	1	...	...	3	2	...	1	...	1	...	...	...	...	1
Phthisis	4	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...
Other tubercular diseases	1	1	...	...	...	...	1	...	1	...	5	...	...	...	...	2
Cancer, malignant disease	9	4	...	...	...	1	1	...	1	2	1	...	2	3	...	1
Bronchitis	7	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...
Pneumonia	1	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Premature Birth	1	1	...	...	...	2	1	...	...	...	2	...	...	...	1	...
Heart Disease	5	1	...	1	...	...	2	1	...	...	...	1	...	...	...	...
Suicides	1	...	...	...	...	...	...	...	2	...	...	...	...	...	...	...
Malnutrition	2	2	...	...	...	...	...	...	...	2	8	1	...	...	...	7
Brain & Nerve	11	...	...	...	...	4	1	...	1	2	3	...	...	...	...	...
Kidney & Bladder	3	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...
Diabetes Mellitus	1	...	...	...	...	...	3	1	1	...	...	1	...	...	...	...
Old Age	3	...	...	1	...	...	...	1	1	1	3	...	...	...	...	1
All other Causes	8	...	...	...	...	2	5	1	1	1	...	...	...	...	...	...
All Causes	67	9	5	4	2	15	32	6	7	11	24	6	11	2	...	15

TABLE IV.

## INFANTILE MORTALITY during the Year 1907.

Deaths from stated Causes in Weeks and Months  
under One Year of Age.

## BRADFORD-ON-AVON RURAL DISTRICT.

CAUSE OF DEATH.	Under 1 Week	Total under 1 Month	1-2 Months	3-4 Months	5-6 Months	7-8 Months	8-9 Months	Total Deaths under 1 Year.
All Causes —Certified	1	4	3	1	1	2	1	9
Uncertified	...	...	...	...	...	...	...	...
Premature Birth ...	1	1	...	...	...	...	...	1
Atrophy, Debility, Marasmus	...	...	2	...	...	...	...	2
Tuberculous Peritonitis, Tabes Mesenterica.	...	...	...	...	...	1	...	1
Bronchitis	...	...	1	1	1	...	1	4
Other Causes ...	...	...	...	...	...	1	...	1
	1	1	3	1	1	2	1	9

Rural District of Bradford-on-Avon.

Population.

Estimated to middle of 1907,

Deaths in the year of  $\left\{ \begin{array}{l} \text{legitimate 112.} \\ \text{illegitimate 3.} \end{array} \right.$

5345.

Deaths from **all causes at all ages 67.**

## TABLE C.

## Supplementary Table for Annual Report.

## RURAL SANITARY DISTRICT OF BRADFORD-ON-AVON.

Medical Officer of Health	...	...	W. JOHN A ADYE.
Date of Last Appointment	...	...	July, 1907
Term of Appointment	...	...	Triennial
Sanitary Inspector	...	...	Mr. R. GIDDINGS,
Address	...	...	Frome Road, Bradford-on-Avon

Special Reports presented during past year.	Subject.	Date.
	Diphtheria at Holt.	Oct. 30th, 1907.

## WATER SUPPLY.

Any Extension or Change in past year?	No
Portions of District inadequately supplied?	Winkfield, Westwood, South-Wraxall.
Is Section 6 of the Public Health (Water) Act, 1878, in all cases enforced in the District?	Yes
Has any action been taken under Section 3 of the same Act during the past year; if so, in how many instances?	No

## SEWERAGE AND SEWAGE DISPOSAL.

Extension and Improvements during past year	Holt Drainage Scheme Commenced
Any System of Treatment adopted?	Filtration
Any inadequacy in any part?	In Whole District.

## EXCREMENT DISPOSAL.

Are Privies and Cess Pits cleansed by Sanitary Staff, by Contractors, or by Tenants?	Tenants
Is Scavenging undertaken by the District Council in any Parishes? if so, in which?	No
Is present arrangement satisfactory?	No

## ADOPTIVE ACTS.

*Parts adopted and date*

Public Health (Amendment) Act	No
1890 ... ..	
Infectious Diseases (Prevention) Act	No
1890 ... ..	

## BYE-LAWS.

Any adopted or sanctioned during post year? If so, please send a copy ... ..	No
Are Bye-Laws properly enforced?	There are none
Are New Bye-Laws necessary? ...	Yes very
For what purposes? ... ..	Building & General Sanitary Matters

## DAIRIES AND COWSHEDS ORDERS.

Are Regulations Adopted? Please send a copy ... ..	Yes
Are they enforced? ... ..	Yes

## REGULATED BUILDINGS, TRADES, &amp;c.

	Number.		Are they inspected, and if so, by whom.	General Conditions	Legal Proceedings (if any)
	Registered	Inspected			
Common Lodging Houses	—	—	—	—	—
Houses let in Lodgings ...	—	—	—	—	—
Canal Boats ... ..	—	5	Inspector	Good	—
Slaughter Houses ... ..	—	—	—	—	—
Bakehouses ... ..	10	10	Self & Inspector	Good	—
Dairies ... ..	104	48	" "	Fair	—
Cowsheds ... ..	—	96	" "	—	—
Milkshops ... ..	—	—	" "	—	—
Offensive Trades ... ..	4	4	" "	—	—

## DEATH RETURNS.

What correction, if any, is made for non-residents dying within the District? ... ..	See Table I.
Are any Returns obtained of deaths of residents occurring in Public Institutions (Workhouses, Hospitals, &c.) outside the District?	Yes

## DEATHS.

Please state number of each sex ...	Males 26	Females 41
Number of uncertified deaths ...	1	—

## BIRTHS.

Please state number of each sex	...	Males 58	Females 57
Number of illegitimate births	...	„ 1	„ 2

## ISOLATION HOSPITAL.

Number of Beds	...	Males	Females	} Out of the District.
What Diseases are taken in?				
How many Diseases can be treated at the same time?				
Any and what charge to patients?				
Construction of Buildings. Brick, Stone, Wood, Iron, &c.				
Disinfecting Apparatus		Type of same		

## DWELLINGS.

Number of Houses built during past year?	...	2
General character	...	Residential
Any overcrowding of persons in houses?	...	No
Any overcrowding of houses in Area?		No
Any action taken under the Housing of the Working Classes Act, 1890		No
Any Houses closed as unfit for Habitation?	...	1 for a short period

## WHAT ACTION HAS BEEN TAKEN IN REGARD TO THE FOLLOWING MATTERS?

House to House Inspection	...	Yes
Seizure of Unsound Food	...	None
River Pollution	...	None
Inspection of Factories and Workshops	...	No Legal Proceedings
Prosecutions	...	None

## SCHOOLS.

Number in District	...	10
Number closed on account of outbreak of Disease	...	5
Total duration of closure from this cause	...	31.3 weeks



## BURIAL GROUNDS.

Number in District	...	...	9
Any need for extension	...	...	No

## LOANS.

(If any) sanctioned by Local Govern- ment Board during past year ...		Holt Drainage
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## RIVER POLLUTION.

Any action taken during the year ?		No
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## METEOROROLOGY.

Are any observations taken in or near your District.		Yes
Please give name and address of Observer		A. Beaven, Esq, The Elms, Holt. Rev. Hewison, Westwood, Vicarage.

SANITARY REQUIREMENTS OF DISTRICT, AND SUGGESTIONS.  
OF MEDICAL OFFICER OF HEALTH.

Limpley Stoke & Winsley are greatly in need of Drainage.

Water Supply is urgently needed in Westwood, Winkfield, & South Wraxall.

## Administrative County of Wilts.

### THE RURAL DISTRICT OF BRADFORD-ON-AVON.

Sanitary Inspec.or                      -                      -                      **RICHARD GIDDINGS.**

Address                      -                      -                      **Frome Road Bradford-on-Avon.**

*Whether whole time devoted to duties of Sanitary Inspector or not ?*    No.

*Date of last Re-appointment :*    April, 1907.

## SUMMARY OF WORK DONE IN SANITARY INSPECTOR'S DEPARTMENT.

**During Year ending 31st December, 1907.**

### PREVENTION OF INFECTIOUS DISEASE UNDER DIRECTION OF MEDICAL OFFICER OF HEALTH.

No. of Cases inquired into    ...    ...	44
No. of Houses Disinfected and Cleansed    ...	29 Houses & 3 Schools
No. of Patients removed to Hospital    ...	30
Lots of Bedding, Clothing, &c., Disinfected or destroyed    ...    ...    ...	29 Disinfected not Destroyed
Cases of Illegal Exposure Reported    ...	None

#### HOUSES.

No. erected (if information obtainable)    ...	Two
No. made fit for Habitation    ...    ...	One
No. Closed as unfit for Habitation    ...	One for a time
No. Cleansed and Limewashed    ...    ...	One

#### OVERCROWDING.

No. of Cases Abated    ...    ...	None
-----------------------------------	------

#### HOUSE DRAINS.

No. Laid or Re-laid    ...    ...	Two
No. Cleansed, Trapped, and Ventilated    ...	Two
No. of Defective Waste Pipes Rectified    ...	None
No. of Insanitary Lavatories, Sinks, and Urinals Rectified    ...    ...	One
No. of Dumbwells Rectified    ...    ...	One

## WATER CLOSETS.

No. of Additional W.C's. provided ...	None
No. Repaired, Ventilated, and supplied with Flush Cistern ... ..	One

## PRIVIES AND ASHPITS.

No. of Additional Privies and Ashpits provided ... ..	None
No. Converted to WC's or Slop Closets ...	...
No. Converted to Pail-closets ... ..	...
No. Repaired ... ..	...

## SCAVENGING.

Total No. of homes from which Refuse Removable by the Authority ...	..
Total No. of Privies and Ashpits ...	...
Total No. of Portable Receptables Cleansed... ..	...
Total No. of Loads of Ashes and Excrement Removed ... ..	...
Total No. of Loads of Ashes and Refuse Removed ... ..	...
No. of New Dust Receptables provided	...

## SMOKING NUISANCES.

No. Under Observation ... ..	...
No. Adated ... ..	...

## OFFENSIVE TRADES.

No. under Observation ... ..	4
No. improperly Conducted ... ..	...

## WATER SUPPLY.

No. of Wells Sunk ... ..	...
No. of Wells Cleaned and Repaired ...	1
No. of Wells Closed as Poluted ...	1
No. of Houses Supplied from Water- works (during year ... ..	3
No. of Samples taken for Analysis ...	5

## SLAUGHTER HOUSES

No. Registered or Licensed ... ..	None
No. Regularly Inspected ... ..	...
No. Cleaned and Repaired ... ..	...

## DAIRIES AND COWSHEDS.

No. of Persons Engaged in Milk Trade now on Register and under Supervision ...	105
No. of Contravention of Acts, Orders, and Bye-laws dealt with ...	None
No. of Infected Milk Supplies Reported by the Inspector ...	—

## FACTORIES &amp; WORKSHOPS &amp; BAKEHOUSES.

No. Under Inspection ...	17
No. Certified for Limewashing by Inspector	None
No. of Insanitary Conditions dealt with as Nuisances ...	—
No. Employing " Young Persons, &c." Reported to Medical Officer of Health	—

## LODGING HOUSES.

No. on Register ...	—
No. Regularly Inspected ...	—
No. Cleansed and Reported ...	—

## FOOD.

No. of Seizures as Unfit for Consumption	—
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## ANIMALS KEPT SO AS TO BE A NUISANCE.

No. of Cases of Removal on Notice ...	Two
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## ACCUMULATION OF OFFENSIVE REFUGE.

No. of Removals ...	One
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## LEGAL PROCEEDINGS.

No. Taken ...	None
No. of Convictions Obtained ...	—
No. of Cases Withdrawn or Dismissed ...	—

## CLERICAL WORK.

No. of Notices Served ...	37
No. of Notices Complied with ...	36
No. of Notices Outstanding ...	4

